

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/553,729  
Source: PCR/10  
Date Processed by STIC: 11/3/05

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

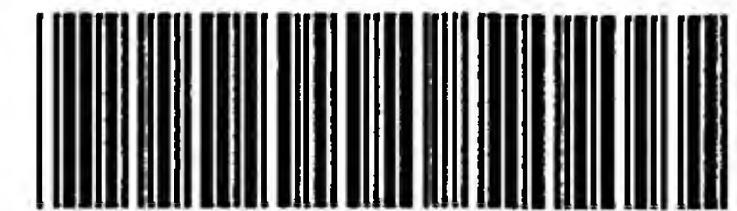
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
 Output Set: N:\CRF4\11032005\J553729.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
 4       McSwiggen, James  
 5       Chowira, Bharat  
 6       Haeberli, Peter  
 8 <120> TITLE OF INVENTION: Interference Mediated Inhibition of Severe Acute Respiratory  
 9       Syndrome (SARS) Virus Gene Expression Using Short Interfering  
 10      Nucleic Acid (siNA)  
 12 <130> FILE REFERENCE: 400/110 (MBHB03-344-A)  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/553,729  
 C--> 15 <141> CURRENT FILING DATE: 2005-10-14  
 17 <160> NUMBER OF SEQ ID NOS: 3392  
 19 <170> SOFTWARE: PatentIn version 3.3  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 19  
 23 <212> TYPE: RNA  
 24 <213> ORGANISM: Artificial Sequence  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 29 <400> SEQUENCE: 1  
 30 acccaggaaa agccaaacca  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 19  
 35 <212> TYPE: RNA  
 36 <213> ORGANISM: Artificial Sequence  
 38 <220> FEATURE:  
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 41 <400> SEQUENCE: 2  
 42 aaccucgauc ucuuguaga  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 19  
 47 <212> TYPE: RNA  
 48 <213> ORGANISM: Artificial Sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 53 <400> SEQUENCE: 3  
 54 aucuguucuc uaaacgaaac  
 57 <210> SEQ ID NO: 4  
 58 <211> LENGTH: 19  
 59 <212> TYPE: RNA  
 60 <213> ORGANISM: Artificial Sequence  
 62 <220> FEATURE:

11-13  
Sep 11-13

63 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
65 <400> SEQUENCE: 4

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/553,729

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Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

66 cuuuaaaauc uguguagcu 19  
69 <210> SEQ ID NO: 5  
70 <211> LENGTH: 19  
71 <212> TYPE: RNA  
72 <213> ORGANISM: Artificial Sequence  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
77 <400> SEQUENCE: 5  
78 ugucgcucgg cugcaugcc 19  
81 <210> SEQ ID NO: 6  
82 <211> LENGTH: 19  
83 <212> TYPE: RNA  
84 <213> ORGANISM: Artificial Sequence  
86 <220> FEATURE:  
87 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
89 <400> SEQUENCE: 6  
90 cuagugcacc uacgcagua 19  
93 <210> SEQ ID NO: 7  
94 <211> LENGTH: 19  
95 <212> TYPE: RNA  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
101 <400> SEQUENCE: 7  
102 auaaacaaaua auaaaauuuu 19  
105 <210> SEQ ID NO: 8  
106 <211> LENGTH: 19  
107 <212> TYPE: RNA  
108 <213> ORGANISM: Artificial Sequence  
110 <220> FEATURE:  
111 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
113 <400> SEQUENCE: 8  
114 uacugucguu gacaagaaa 19  
117 <210> SEQ ID NO: 9  
118 <211> LENGTH: 19  
119 <212> TYPE: RNA  
120 <213> ORGANISM: Artificial Sequence  
122 <220> FEATURE:  
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
125 <400> SEQUENCE: 9  
126 acgaguuaacu cgucccucu 19  
129 <210> SEQ ID NO: 10  
130 <211> LENGTH: 19  
131 <212> TYPE: RNA  
132 <213> ORGANISM: Artificial Sequence  
134 <220> FEATURE:  
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

137 <400> SEQUENCE: 10  
138 uucugcagac ugcuuacgg

19

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,729

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TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
 Output Set: N:\CRF4\11032005\J553729.raw

```

141 <210> SEQ ID NO: 11
142 <211> LENGTH: 19
143 <212> TYPE: RNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
149 <400> SEQUENCE: 11
150 guuucguccg uguugcagu
153 <210> SEQ ID NO: 12
154 <211> LENGTH: 19
155 <212> TYPE: RNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
161 <400> SEQUENCE: 12
162 ucgaucua gcauaccua
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 19
167 <212> TYPE: RNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
173 <400> SEQUENCE: 13
174 agguuucguc cggguguga
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 19
179 <212> TYPE: RNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
185 <400> SEQUENCE: 14
186 accgaaaggu aagauggag
189 <210> SEQ ID NO: 15
190 <211> LENGTH: 19
191 <212> TYPE: RNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
197 <400> SEQUENCE: 15
198 gagccuuguu cuugguguc
201 <210> SEQ ID NO: 16
202 <211> LENGTH: 19
203 <212> TYPE: RNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
209 <400> SEQUENCE: 16

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210 caacgagaaa acacacguc  
213 <210> SEQ ID NO: 17

19

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,729

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Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

214 <211> LENGTH: 19  
215 <212> TYPE: RNA  
216 <213> ORGANISM: Artificial Sequence  
218 <220> FEATURE:  
219 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
221 <400> SEQUENCE: 17  
222 ccaacucagu uugccuguc 19  
225 <210> SEQ ID NO: 18  
226 <211> LENGTH: 19  
227 <212> TYPE: RNA  
228 <213> ORGANISM: Artificial Sequence  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
233 <400> SEQUENCE: 18  
234 ccuucagguu agagacgug 19  
237 <210> SEQ ID NO: 19  
238 <211> LENGTH: 19  
239 <212> TYPE: RNA  
240 <213> ORGANISM: Artificial Sequence  
242 <220> FEATURE:  
243 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
245 <400> SEQUENCE: 19  
246 gcuagugcgu ggcuucggg 19  
249 <210> SEQ ID NO: 20  
250 <211> LENGTH: 19  
251 <212> TYPE: RNA  
252 <213> ORGANISM: Artificial Sequence  
254 <220> FEATURE:  
255 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
257 <400> SEQUENCE: 20  
258 ggacucugug gaagaggcc 19  
261 <210> SEQ ID NO: 21  
262 <211> LENGTH: 19  
263 <212> TYPE: RNA  
264 <213> ORGANISM: Artificial Sequence  
266 <220> FEATURE:  
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
269 <400> SEQUENCE: 21  
270 ccuaucggag gcacgugaa 19  
273 <210> SEQ ID NO: 22  
274 <211> LENGTH: 19  
275 <212> TYPE: RNA  
276 <213> ORGANISM: Artificial Sequence  
278 <220> FEATURE:  
279 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region  
281 <400> SEQUENCE: 22  
282 acaccucaaa aauggcacu 19

285 <210> SEQ ID NO: 23  
286 <211> LENGTH: 19

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005

TIME: 08:26:13

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
 Output Set: N:\CRF4\11032005\J553729.raw

287 <212> TYPE: RNA  
 288 <213> ORGANISM: Artificial Sequence  
 290 <220> FEATURE:  
 291 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 293 <400> SEQUENCE: 23  
 294 uuguggucua guagagcug 19  
 297 <210> SEQ ID NO: 24  
 298 <211> LENGTH: 19  
 299 <212> TYPE: RNA  
 300 <213> ORGANISM: Artificial Sequence  
 302 <220> FEATURE:  
 303 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 305 <400> SEQUENCE: 24  
 306 ggaaaaaggc guacugccc 19  
 309 <210> SEQ ID NO: 25  
 310 <211> LENGTH: 19  
 311 <212> TYPE: RNA  
 312 <213> ORGANISM: Artificial Sequence  
 314 <220> FEATURE:  
 315 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 317 <400> SEQUENCE: 25  
 318 ccagcuugaa cagccuau 19  
 321 <210> SEQ ID NO: 26  
 322 <211> LENGTH: 19  
 323 <212> TYPE: RNA  
 324 <213> ORGANISM: Artificial Sequence  
 326 <220> FEATURE:  
 327 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 329 <400> SEQUENCE: 26  
 330 uguguucauu aaacguucu 19  
 333 <210> SEQ ID NO: 27  
 334 <211> LENGTH: 19  
 335 <212> TYPE: RNA  
 336 <213> ORGANISM: Artificial Sequence  
 338 <220> FEATURE:  
 339 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 341 <400> SEQUENCE: 27  
 342 ugaugccuua agcaccaaau 19  
 345 <210> SEQ ID NO: 28  
 346 <211> LENGTH: 19  
 347 <212> TYPE: RNA  
 348 <213> ORGANISM: Artificial Sequence  
 350 <220> FEATURE:  
 351 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 353 <400> SEQUENCE: 28  
 354 ucacggccac aaggucguu 19  
 357 <210> SEQ ID NO: 29

358 <211> LENGTH: 19  
359 <212> TYPE: RNA

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11

<210> 3311  
<211>  
<212> 21 RNA  
<213> Artificial  
<220>  
<223> Description of Artificial Sequence: siNA sense region  
<220>  
<221> misc\_feature  
<222> (20) .. (21)  
<223> n stands for thymidine  
<400> 3311  
aaugaagagg uugccaucan n

thymidine cannot be shown in an RNA sequence 21

This error appears in subsequent sequences, too.

For a combined DNA/RNA sequence, use <2127> DNA and explain in <2207-2223> section.

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/553,729

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TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3311; N Pos. 20,21  
Seq#:3312; N Pos. 20,21  
Seq#:3313; N Pos. 20,21  
Seq#:3314; N Pos. 20,21  
Seq#:3315; N Pos. 20,21  
Seq#:3316; N Pos. 20,21  
Seq#:3317; N Pos. 20,21  
Seq#:3318; N Pos. 20,21  
Seq#:3319; N Pos. 20,21  
Seq#:3320; N Pos. 20,21  
Seq#:3321; N Pos. 20,21  
Seq#:3322; N Pos. 20,21  
Seq#:3323; N Pos. 20,21  
Seq#:3324; N Pos. 20,21  
Seq#:3325; N Pos. 20,21  
Seq#:3326; N Pos. 20,21  
Seq#:3327; N Pos. 20,21  
Seq#:3328; N Pos. 20,21  
Seq#:3329; N Pos. 20,21  
Seq#:3330; N Pos. 20,21  
Seq#:3331; N Pos. 20,21  
Seq#:3332; N Pos. 20,21  
Seq#:3333; N Pos. 20,21  
Seq#:3334; N Pos. 20,21  
Seq#:3335; N Pos. 20,21  
Seq#:3336; N Pos. 20,21  
Seq#:3337; N Pos. 20,21  
Seq#:3338; N Pos. 20,21  
Seq#:3339; N Pos. 20,21  
Seq#:3340; N Pos. 20,21  
Seq#:3341; N Pos. 20,21  
Seq#:3342; N Pos. 20,21  
Seq#:3343; N Pos. 20,21  
Seq#:3344; N Pos. 20,21  
Seq#:3345; N Pos. 20,21  
Seq#:3346; N Pos. 20,21  
Seq#:3347; N Pos. 20,21  
Seq#:3348; N Pos. 20,21  
Seq#:3349; N Pos. 20,21  
Seq#:3350; N Pos. 20,21  
Seq#:3351; N Pos. 20,21  
Seq#:3352; N Pos. 20,21  
Seq#:3353; N Pos. 20,21  
Seq#:3354; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005  
TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

Seq#:3355; N Pos. 20,21  
Seq#:3356; N Pos. 20,21  
Seq#:3357; N Pos. 20,21  
Seq#:3358; N Pos. 20,21  
Seq#:3359; N Pos. 20,21  
Seq#:3360; N Pos. 20,21  
Seq#:3361; N Pos. 20,21  
Seq#:3362; N Pos. 20,21  
Seq#:3363; N Pos. 20,21  
Seq#:3364; N Pos. 20,21  
Seq#:3365; N Pos. 20,21  
Seq#:3366; N Pos. 20,21  
Seq#:3367; N Pos. 20,21  
Seq#:3368; N Pos. 20,21  
Seq#:3369; N Pos. 20,21  
Seq#:3370; N Pos. 20,21  
Seq#:3371; N Pos. 20,21  
Seq#:3372; N Pos. 20,21  
Seq#:3373; N Pos. 20,21  
Seq#:3374; N Pos. 20,21  
Seq#:3375; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3376; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3377; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3378; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3379; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3380; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3381; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3382; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3383; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:3384; N Pos. 20,21  
Seq#:3385; N Pos. 20,21  
Seq#:3386; N Pos. 20,21  
Seq#:3387; N Pos. 20,21  
Seq#:3388; N Pos. 20,21  
Seq#:3389; N Pos. 20,21  
Seq#:3390; N Pos. 20,21  
Seq#:3391; N Pos. 20,21  
Seq#:3392; N Pos. 20,21

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3311,3312,3313,3314,3315,3316,3317,3318,3319,3320,3321,3322,3323,3324  
Seq#:3325,3326,3327,3328,3329,3330,3331,3332,3333,3334,3335,3336,3337,3338  
Seq#:3339,3340,3341,3342,3343,3344,3345,3346,3347,3348,3349,3350,3351,3352  
Seq#:3353,3354,3355,3356,3357,3358,3359,3360,3361,3362,3363,3364,3365,3366  
Seq#:3367,3368,3369,3370,3371,3372,3373,3374

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005  
TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:39757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3311 after pos.:0  
L:39775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3312 after pos.:0  
L:39793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3313 after pos.:0  
L:39811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3314 after pos.:0  
L:39829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3315 after pos.:0  
L:39847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3316 after pos.:0  
L:39865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3317 after pos.:0  
L:39883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3318 after pos.:0  
L:39901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3319 after pos.:0  
L:39919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3320 after pos.:0  
L:39937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3321 after pos.:0  
L:39955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3322 after pos.:0  
L:39973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3323 after pos.:0  
L:39991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3324 after pos.:0  
L:40009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3325 after pos.:0  
L:40027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3326 after pos.:0  
L:40075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3327 after pos.:0  
L:40128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3328 after pos.:0  
L:40176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3329 after pos.:0  
L:40234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3330 after pos.:0  
L:40297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3331 after pos.:0  
L:40360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3332 after pos.:0  
L:40407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3333 after pos.:0  
L:40450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3334 after pos.:0  
L:40498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3335 after pos.:0  
L:40550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3336 after pos.:0  
L:40588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3337 after pos.:0  
L:40646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3338 after pos.:0  
L:40699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3339 after pos.:0  
L:40752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3340 after pos.:0  
L:40795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3341 after pos.:0  
L:40828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3342 after pos.:0  
L:40901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3343 after pos.:0  
L:40979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3344 after pos.:0  
L:41042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3345 after pos.:0  
L:41134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3346 after pos.:0  
L:41227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3347 after pos.:0  
L:41320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3348 after pos.:0  
L:41387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3349 after pos.:0  
L:41444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3350 after pos.:0  
L:41512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3351 after pos.:0  
L:41585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3352 after pos.:0  
L:41643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3353 after pos.:0  
L:41726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3354 after pos.:0  
L:41814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3355 after pos.:0  
L:41902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3356 after pos.:0

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/553,729

DATE: 11/03/2005  
TIME: 08:26:14

Input Set : D:\400.110US (03-344-J) Sequence Listing.txt  
Output Set: N:\CRF4\11032005\J553729.raw

L:41960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3357 after pos.:0  
L:42008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3358 after pos.:0  
L:42076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3359 after pos.:0  
L:42149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3360 after pos.:0  
L:42207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3361 after pos.:0  
L:42290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3362 after pos.:0  
L:42378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3363 after pos.:0  
L:42466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3364 after pos.:0  
L:42528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3365 after pos.:0  
L:42576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3366 after pos.:0  
L:42644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3367 after pos.:0  
L:42722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3368 after pos.:0  
L:42780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3369 after pos.:0  
L:42863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3370 after pos.:0  
L:42951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3371 after pos.:0  
L:43039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3372 after pos.:0  
L:43097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3373 after pos.:0  
L:43145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3374 after pos.:0  
L:43174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3375 after pos.:0  
L:43201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3376 after pos.:0  
L:43229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3377 after pos.:0  
L:43262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3378 after pos.:0  
L:43295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3379 after pos.:0  
L:43328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3380 after pos.:0  
L:43361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3381 after pos.:0  
L:43394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3382 after pos.:0  
L:43427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3383 after pos.:0  
L:43454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3384 after pos.:0  
L:43481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3385 after pos.:0  
L:43543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3386 after pos.:0  
L:43615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3387 after pos.:0  
L:43662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3388 after pos.:0  
L:43714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3389 after pos.:0  
L:43761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3390 after pos.:0  
L:43808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3391 after pos.:0  
L:43860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3392 after pos.:0